

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/01496

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> F25B17/08, B01J20/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> F25B17/08, B01J20/18

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Jitsuyo Shinan Toroku Koho	1996-2002
Kokai Jitsuyo Shinan Koho	1971-2002	Toroku Jitsuyo Shinan Koho	1994-2002

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4637218 A (Dimitar I Tchernev), 20 January, 1987 (20.01.87), Full text & JP 61-502008 A & WO 85/05170 A1	1-41
A	JP 11-137947 A (Ebara Corp.), 25 May, 1999 (25.05.99), Page 2, left column, lines 37 to 43 (Family: none)	1-41
A	JP 6-76203 B2 (Union Carbide Corp.), 28 September, 1994 (28.09.94), Page 1, left column, line 13 to page 2, right column, line 9; page 14, right column, lines 9 to 14 (Family: none)	1-41

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

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Date of the actual completion of the international search  
07 May, 2002 (07.05.02)Date of mailing of the international search report  
21 May, 2002 (21.05.02)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

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